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PTO/SB/21 (09-04)

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<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/699,316
	Filing Date	October 31, 2003
	First Named Inventor	Daniel D. DITTMER
	Art Unit	3682
	Examiner Name	T.R. HANNON
Total Number of Pages in This Submission	Attorney Docket Number	146712015300

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment/Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Reply to Missing Parts/Incomplete Application  <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____  <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	MORRISON & FOERSTER LLP		
Signature			
Printed name	Raj S. Davé		
Date	July 18, 2005	Reg. No.	42,465



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<b>Effective on 12/08/2004.</b> Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).		<b>Complete if Known</b>	
<b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		Application Number	10/699,316
		Filing Date	October 31, 2003
		First Named Inventor	Daniel D. DITTMER
		Examiner Name	T.R. HANNON
		Art Unit	3682
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	Attorney Docket No.	146712015300	
<b>TOTAL AMOUNT OF PAYMENT</b>		<b>(\$)</b>	<b>250.00</b>

**METHOD OF PAYMENT** (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_  
☒ Deposit Account Deposit Account Number: 03-1952 Deposit Account Name: Morrison & Foerster LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, **except for the filing fee**  
☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	<u>Small Entity</u> Fee (\$)	Fee (\$)	<u>Small Entity</u> Fee (\$)	Fee (\$)	<u>Small Entity</u> Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	<u>Small Entity</u> Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims      Extra Claims      Fee (\$)      Fee Paid (\$)  
21      -      1      x      50.00      =      50.00

Indep. Claims      Extra Claims      Fee (\$)      Fee Paid (\$)  
4      -      3      =      1      x      200.00      =      200.00

Multiple Dependent Claims  
Fee (\$)      Fee Paid (\$)

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets      Extra Sheets      Number of each additional 50 or fraction thereof      Fee (\$)      Fee Paid (\$)  
- 100 =      /50      (round up to a whole number) x      =

**4. OTHER FEE(S)**

Fees Paid (\$)

Other (e.g., late filing surcharge): \_\_\_\_\_

<b>SUBMITTED BY</b>		Registration No.	42,465	Telephone	(703) 760-7700
Signature		(Attorney/Agent)		Date	July 18, 2005
Name (Print/Type)	Raj S. Dave				



PATENT  
Docket No. 146712015300

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Daniel D. Dittmer et al.

Serial No.: 10/699,316

Filing Date: October 31, 2003

For: HIGH PRESSURE BARRIER TO OIL  
LOSS BY DIFFUSION

Examiner: T. R. Hannon

Group Art Unit: 3682

**AMENDMENT UNDER 37 CFR 1.111**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir::

In response to the Action of May 26, 2005, please amend this application as follows:

**Amendments to specification begin on page 2 of this paper.**

**Amendments to claims begin on page 3 of this paper.**

**Remarks begin on page 9 of this paper.**

**Amendments to the Drawings** begin on page 8 of this paper and include an attached replacement sheet.

An **Appendix** including replacement drawing figures is attached following page 9 of this paper.

07/19/2005 ZJUHA1 00000048 031952 10699316

01 FC:1201 200.00 DA  
02 FC:1202 50.00 DA

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